

Figure 1

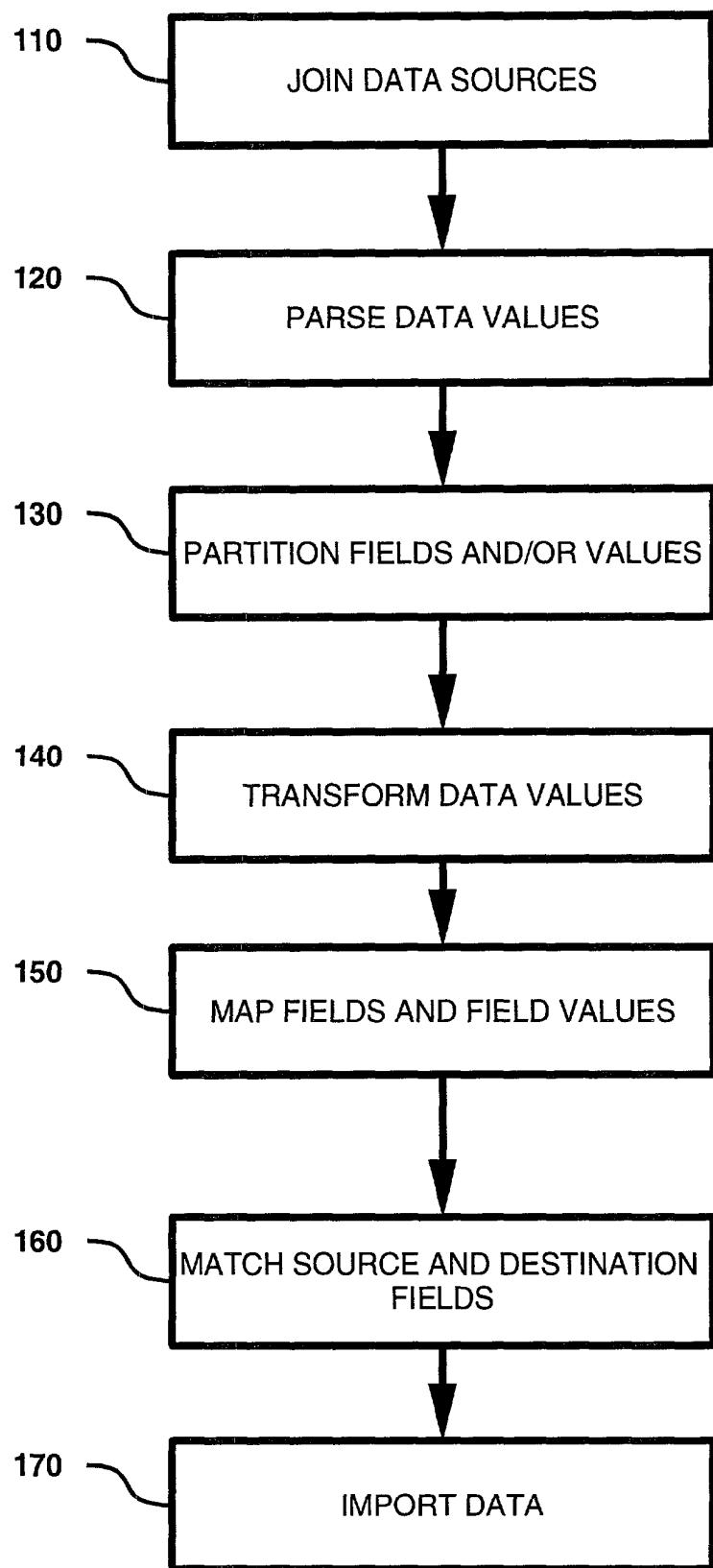


Figure 2

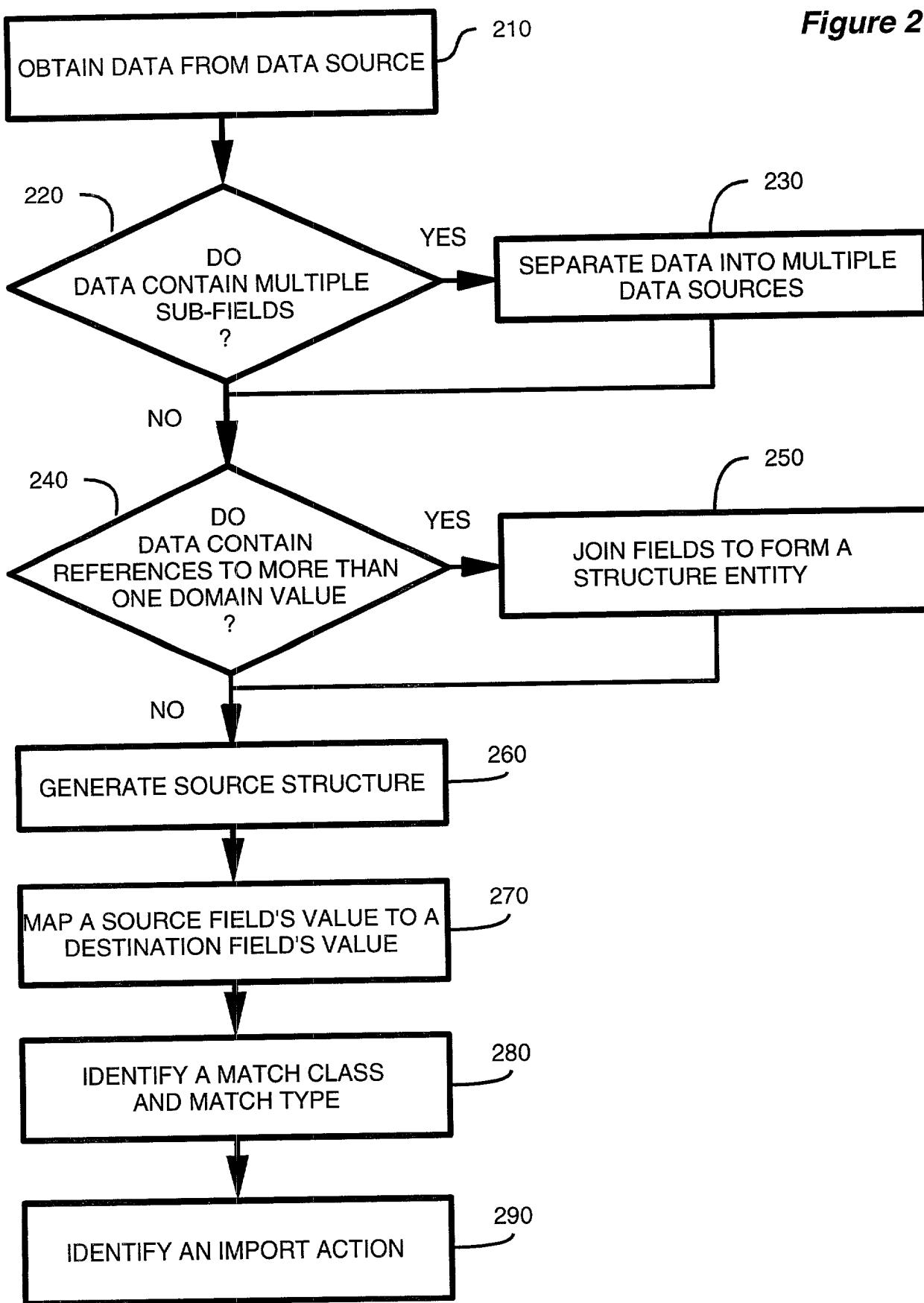
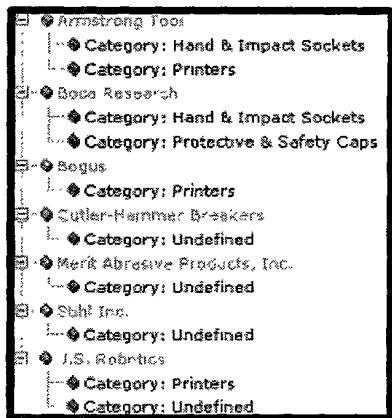


Figure 3

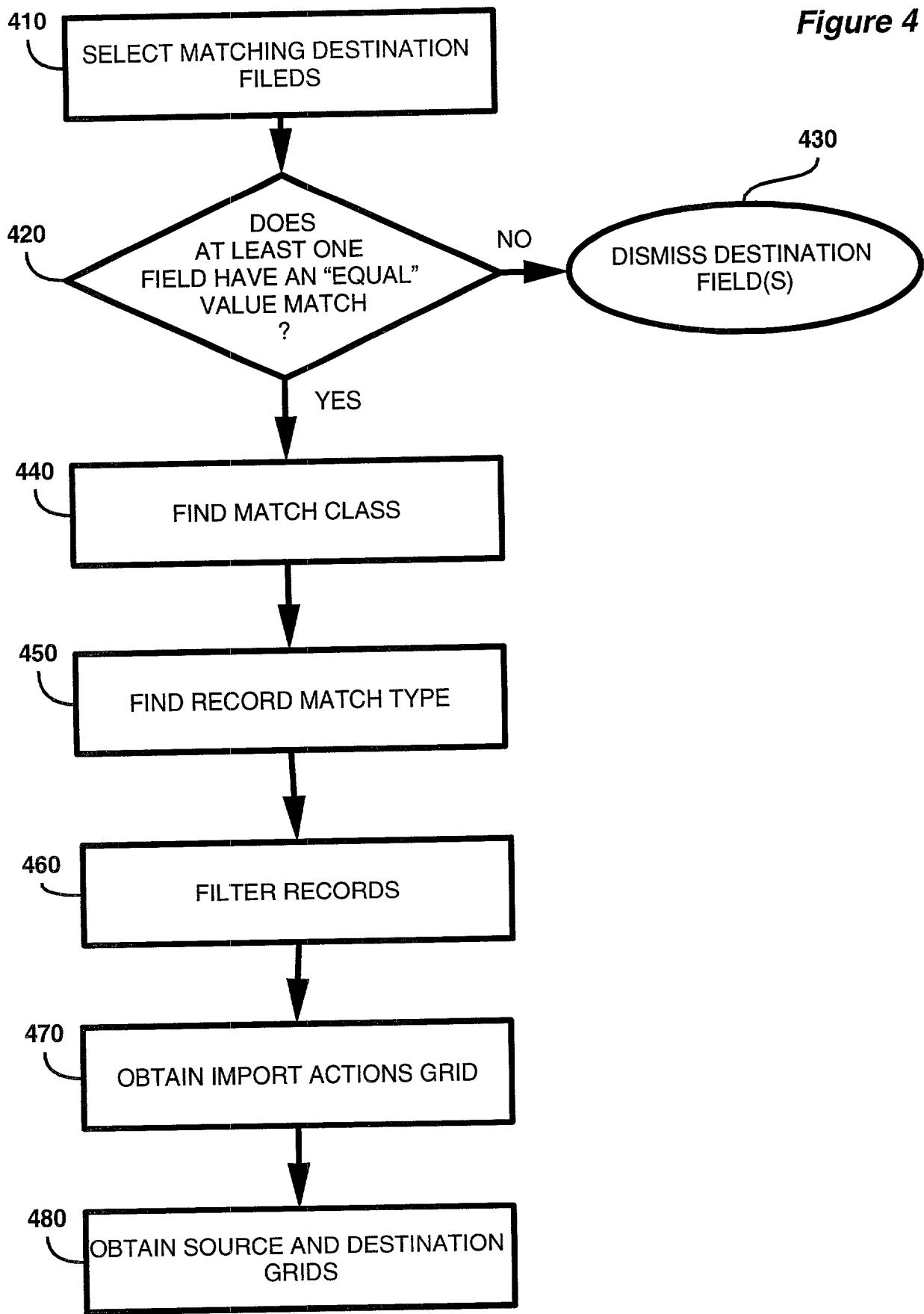
310



320

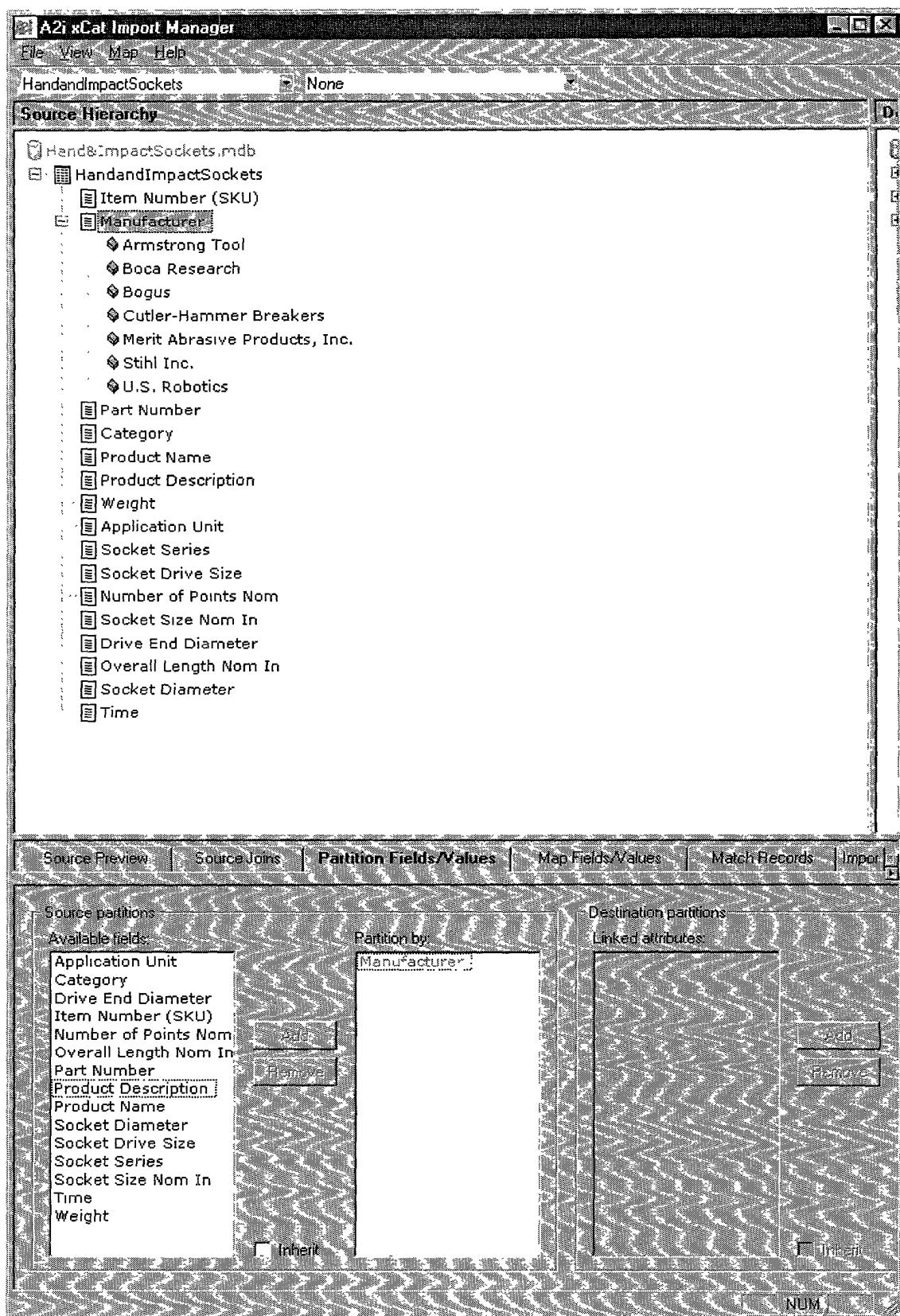
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: 6 Point Eliminator Socket
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Extra Deep 12 Point Lobular Opening Socket
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Extra Deep 6 Point Lobular Opening Socket
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Standard Length 12 Point Lobular Opening Socket
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Standard Length 4 Point Lobular Opening Socket
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Standard Length 8 Point Lobular Opening Socket
Manufacturer: Armstrong Tool; Category: Printers; Product Name: 6 Point Eliminator Socket
Manufacturer: Boca Research; Category: Hand & Impact Sockets; Product Name: Standard Length 12 Point Lobular Opening Socket
Manufacturer: Boca Research; Category: Protective & Safety Caps; Product Name: 6 Point Eliminator Socket
Manufacturer: Bogus; Category: Printers; Product Name: 6 Point Eliminator Socket
Manufacturer: Cutler-Hammer Breakers; Category: Undefined; Product Name: 6 Point Eliminator Socket
Manufacturer: Merk Abrasive Products, Inc.; Category: Undefined; Product Name: 6 Point Eliminator Socket
Manufacturer: Stihl Inc.; Category: Undefined; Product Name: 6 Point Eliminator Socket
Manufacturer: U.S. Robotics; Category: Printers; Product Name: 6 Point Eliminator Socket
Manufacturer: U.S. Robotics; Category: Undefined; Product Name: 6 Point Eliminator Socket

Figure 4



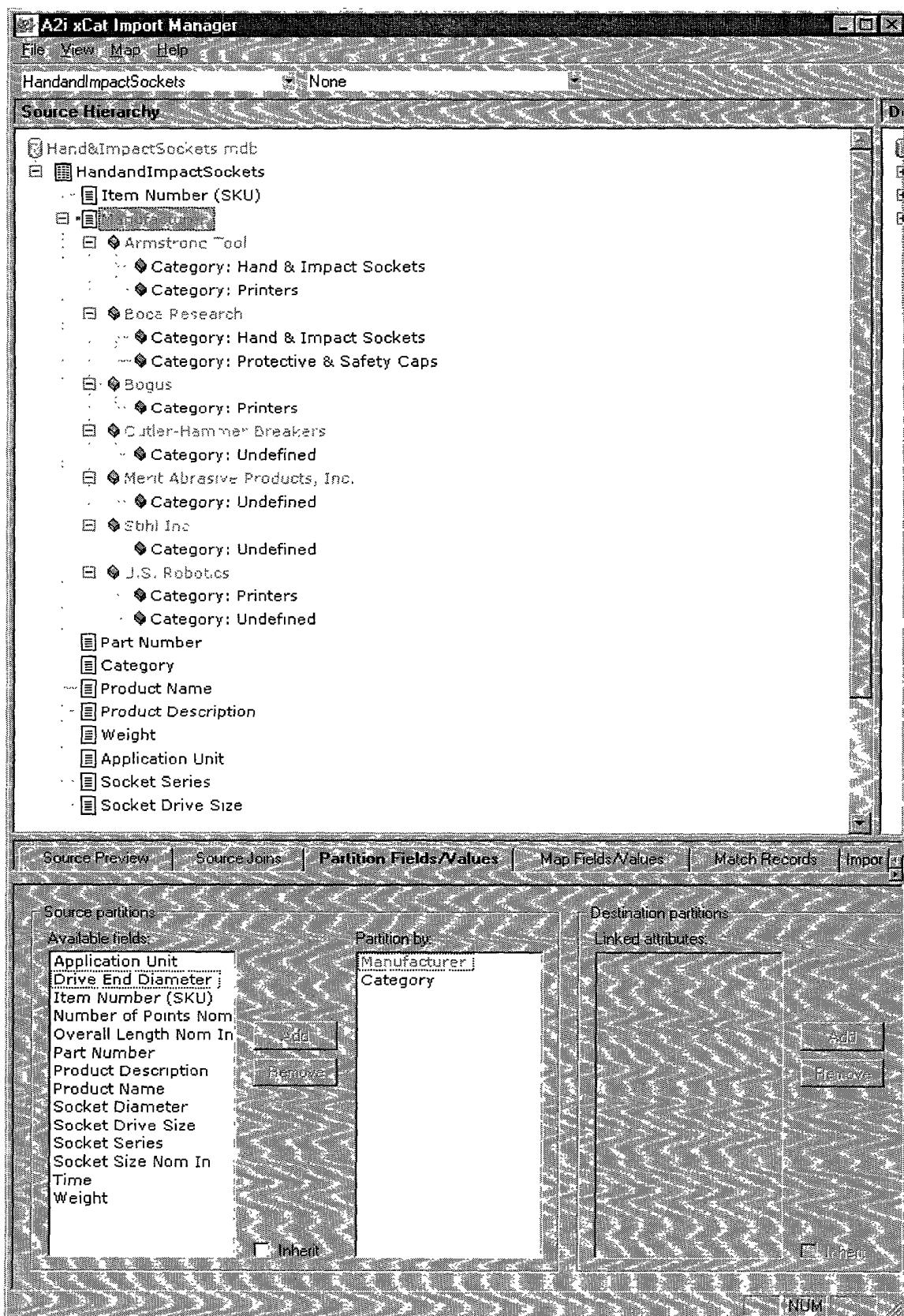
Manufacturer field with its values.

Figure 5a



Manufacturer field is [nested] partitioned by Category field

Figure 5b



Manufacturer field is [nested] partitioned by Category field,
then [nested] partitioned again by Product Name field.

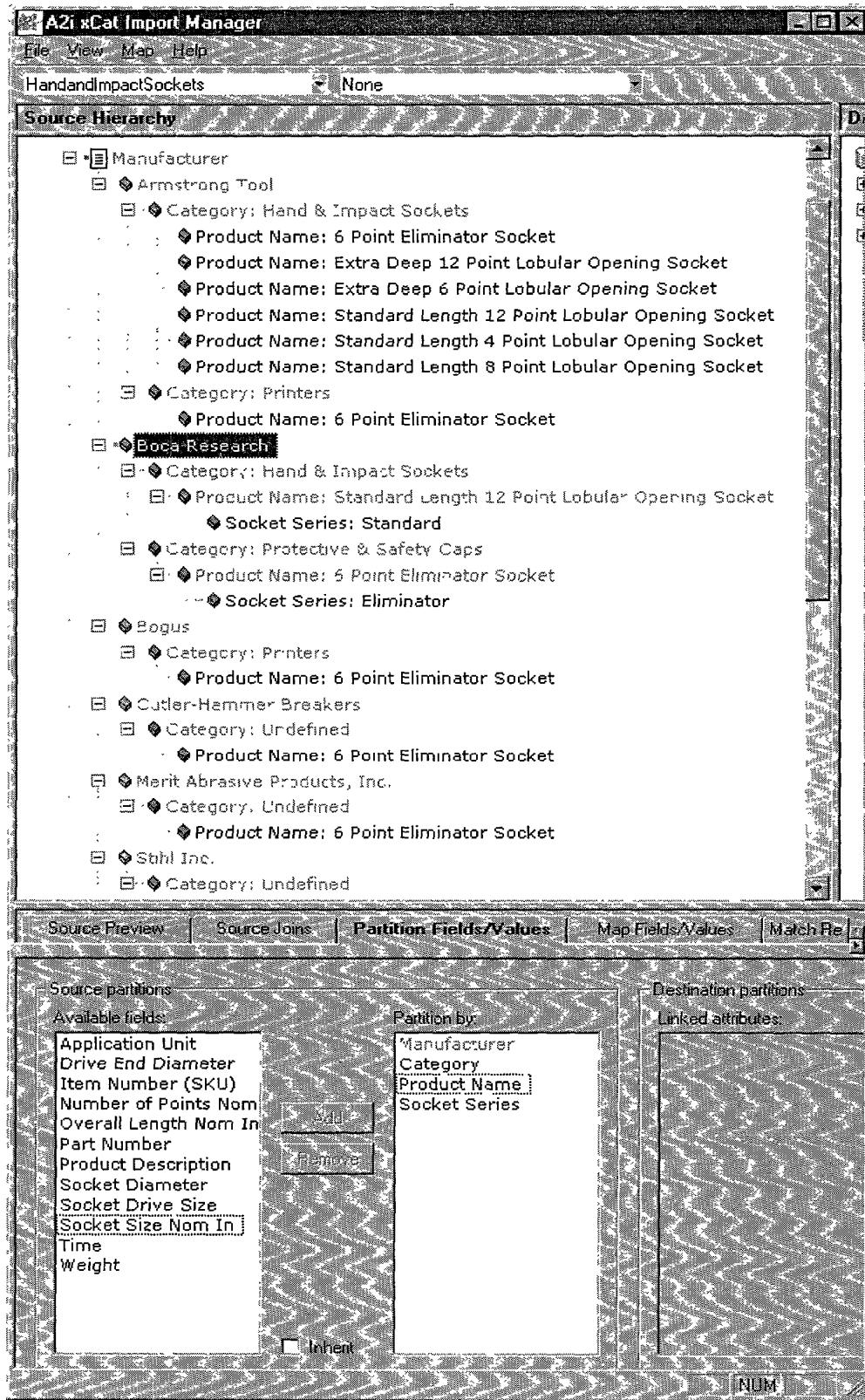
Figure 5c

The screenshot shows the A2i xCat Import Manager interface. The main window displays the "Source Hierarchy" under the "Manufacturer" node. The hierarchy includes categories like "Armstrong Tool", "Boca Research", "Bogus", "Cutler-Hammer Breakers", "Merit Abrasive Products Inc.", "Stihl Inc.", and "U.S. Robotics", each with nested "Category" and "Product Name" levels. The "Partition Fields/Values" tab is selected at the bottom, showing the "Source partitions" and "Destination partitions" sections. The "Source partitions" section lists fields such as Application Unit, Drive End Diameter, Item Number (SKU), Number of Points Nom, Overall Length Nom In, Part Number, Product Description, Socket Diameter, Socket Drive Size, Socket Series, Socket Size Nom In, and Time. The "Partition by" section shows the nested partitioning structure: Manufacturer, Category, and Product Name. The "Destination partitions" section is currently empty.

Source partitions		Destination partitions	
Available fields:		Linked attributes:	
Application Unit	Partition by:		Add
Drive End Diameter	Manufacturer		Remove
Item Number (SKU)	Category		
Number of Points Nom	Product Name		
Overall Length Nom In			
Part Number			
Product Description			
Socket Diameter			
Socket Drive Size			
Socket Series			
Socket Size Nom In			
Time			

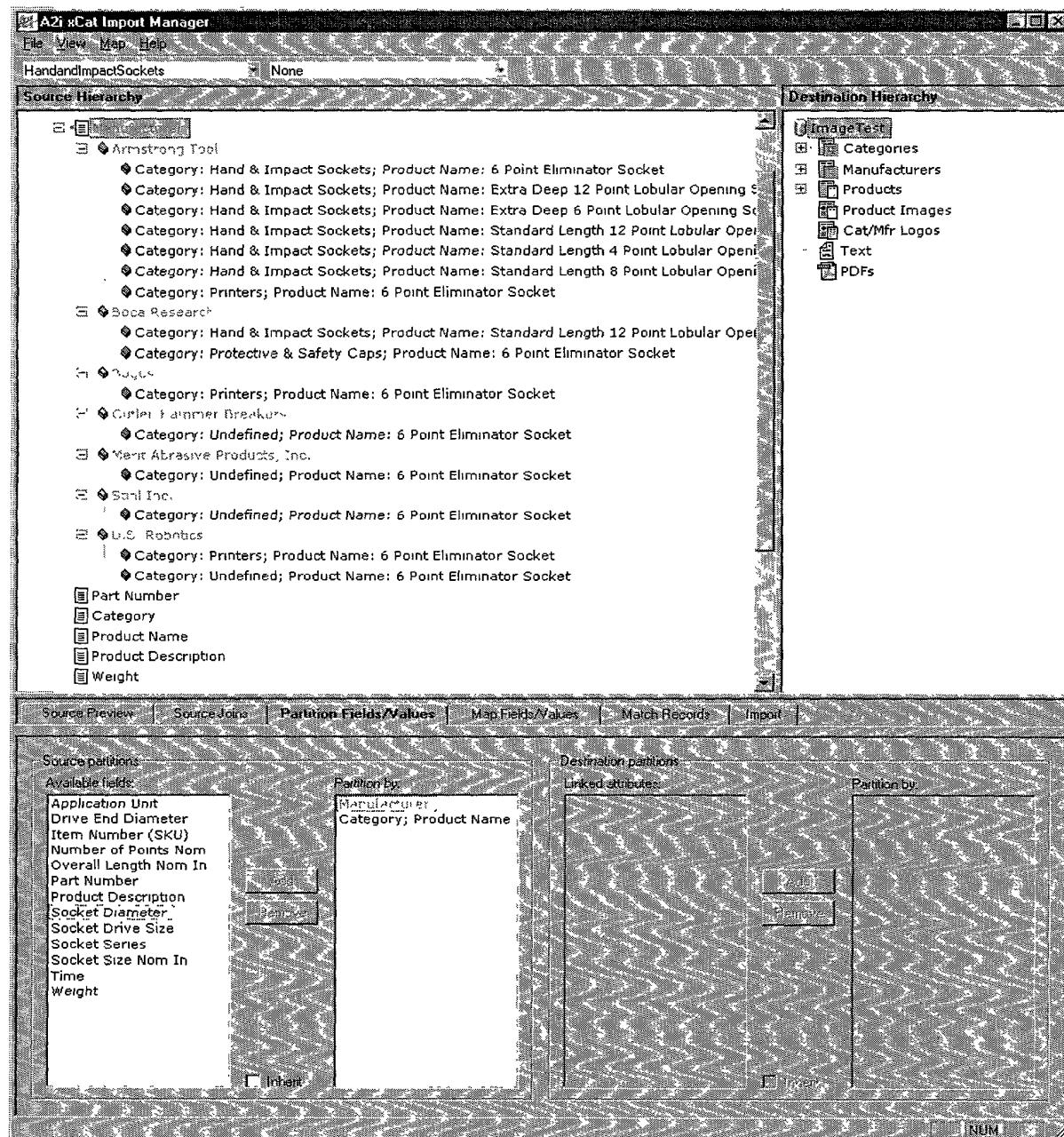
Manufacturer field is [nested] partitioned by Category field,
then [nested] partitioned again by Product Name field;
then Boca Research value of Manufacturer field is [nested]
partitioned by Socket Series field (breaking its inheritance from Manufacturer field). **Figure 5d**

Figure 5d



Manufacturer field is [nested] partitioned by the [combined] partition of Category and Product Name fields.

Figure 5e



Manufacturer field is [combined] partitioned (merged) with the Category and Product Name fields.

Figure 5f



Manufacturer field is [combined] partitioned (merged) with the Category and Product Name fields, then the partition of Cutler-Hammer Breakers value is split (breaking its inheritance from Manufacturer field).

Figure 5g

